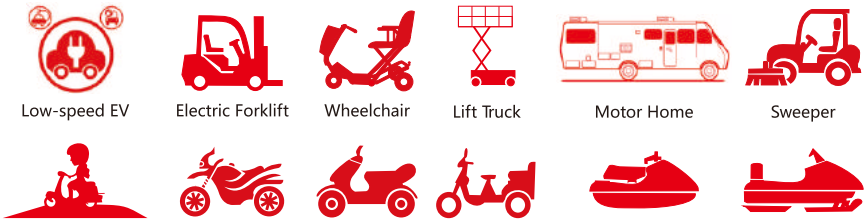
EVEREST TNE6-245 (6V-200AH/C5)



Product Features

Deep Cycle Series	400~600 Cycle Times @100%DOD		
↑10%	↑15%	↓50%	0%
Energy Density	Capacity@-15℃	Grid Corrosion	Acid stratification
Patent negative pasting formula	Special premixed additive	Rare-earth patent alloy	Nano silica gel technology

Product Applications



Physical Specification

Model	Dimensions (mm/inch)				Weight (kg/lbs)	Terminal	Container
TNE6-245	Length	Width	Height	Total Height	32.5/71.7	I7	ABS UL94-HB (Optional: FR ABS UL94-V0)
	243/9.57	188/7.40	275/10.8	275/10.8			

Product Specifications

Nominal Voltage	Rated Capacity25℃/77℃	Opreating Temp.Range	Capacity Effected Temp	Capacity vs Storage Time
6V	245Ah 20hr Rate (1.80V/cell) 220Ah 10hr Rate (1.75V/cell) 215Ah 5hr Rate (1.75V/cell) 189.9Ah 3hr Rate (1.75V/cell)	Discharge:-15℃~50℃ (5℉~122℉) Charge:0℃~40℃ (32℉~104℉) Storage:-15℃~40℃ (5℉~104℉) Optimum:25℃±3℃ (77℉±5℉)	40℃ (104℉):106% 25℃ (77℉):100% 0℃ (32℉):85% -15℃ (5℉):65%	Three months : 90% Six months : 80% Nine months : 60%

Constant Current Discharge (A)@25℃ (77℉)

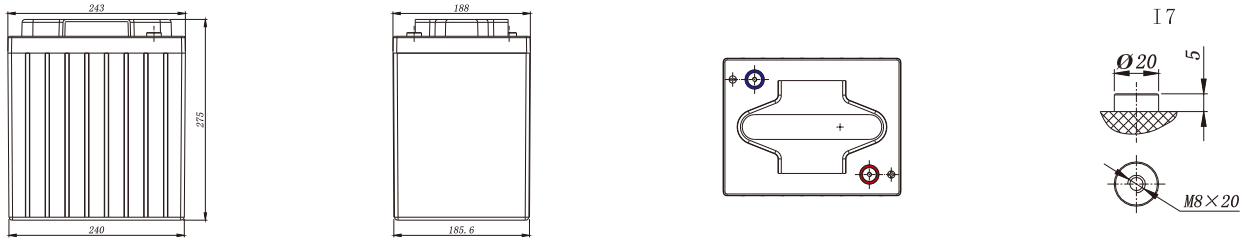
F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	262.6	194.7	153.6	82.4	60.3	48.5	41.0	34.8	26.2	21.0	12.0
1.80V/cell	271.5	199.6	157.3	84.5	61.6	49.7	41.9	35.6	26.7	21.5	12.3
1.75V/cell	280.0	205.1	162.0	87.0	63.3	50.9	43.0	36.5	27.4	22.0	12.5
1.70V/cell	288.6	211.4	166.1	88.9	64.7	52.2	44.0	37.3	28.0	22.5	12.8
1.67V/cell	296.5	217.2	169.8	91.0	66.5	53.3	45.0	38.0	28.7	23.0	13.0
1.60V/cell	305.3	223.1	174.4	93.3	67.9	54.5	46.0	39.0	29.6	23.6	13.3

Constant Power Discharge (W/cell)@25℃ (77℉)

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	507.8	379.7	300.8	162.5	119.4	96.4	81.6	69.4	52.3	42.0	24.1
1.80V/cell	519.0	386.0	306.4	165.7	121.4	98.3	83.2	70.8	53.2	42.9	24.5
1.75V/cell	530.9	394.2	313.8	169.8	124.4	100.4	85.1	72.4	54.5	43.8	25.0
1.70V/cell	543.0	403.7	320.6	173.0	126.6	102.6	86.8	73.7	55.6	44.7	25.5
1.67V/cell	554.0	413.1	326.4	176.4	129.7	104.4	88.4	75.0	56.9	45.8	26.0
1.60V/cell	565.9	420.6	332.4	179.5	131.5	106.1	89.9	76.6	58.5	46.9	26.5

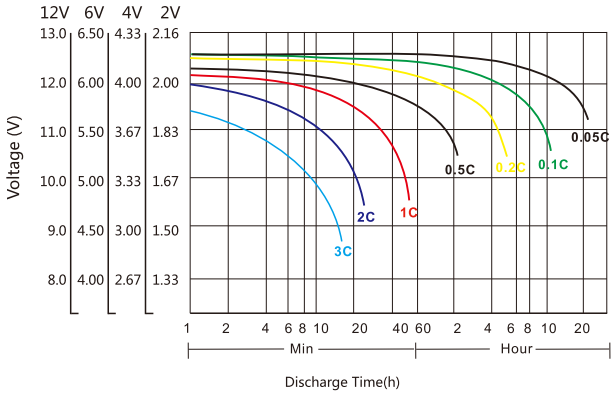
EVEREST TNE6-245 (6V-200AH/C5)

Battery Dimensions(mm)

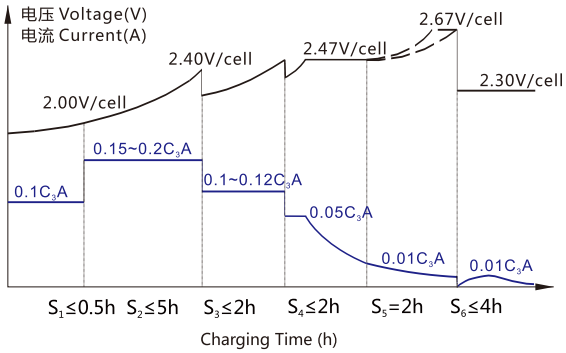


Electrical Characteristics

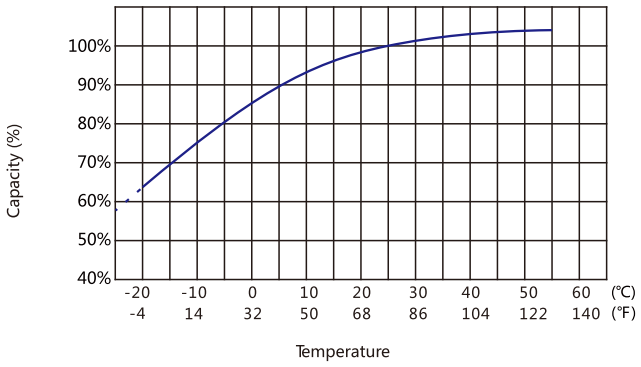
Discharge Characteristics(25℃)



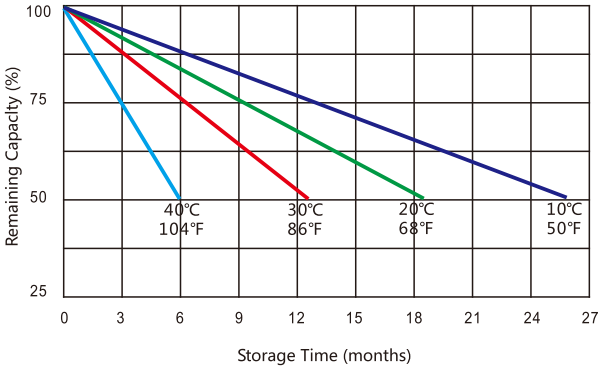
Charging Characteristics(25℃)



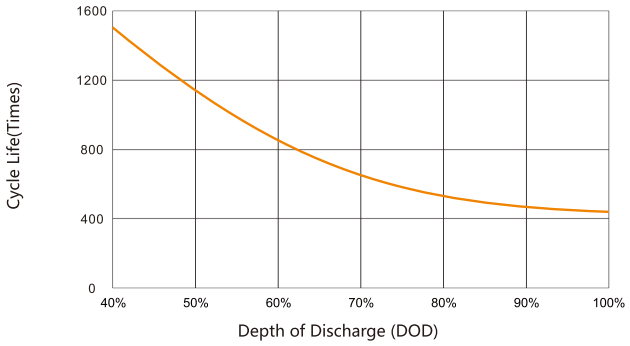
Capacity vs Temperature



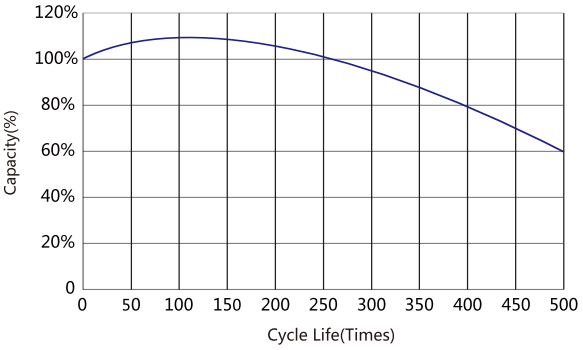
Self-discharge vs Time



Cycle Life vs Depth of Discharge



Cycle Life vs Remaining Capacity@25℃(77℉)



Usage and Maintenance

Limited Current	Limited Voltage	Limited Voltage
Limited current：≤0.2CA	7.2V~7.4V@25℃(77℉) Temp.Coefficient:-12mV/℃	6.75V~6.90V@25℃(77℉) Temp.Coefficient:-9mV/℃